

Saskatchewan Highways & Transportation Spray Applied EMACO S88CR Gunite Procedure

STRUCTURE: Battle River Bridge
Parapet Walls

LOCATION: North Battleford, SK

PROJECT DATE: 1993

JOB DURATION: 2 Weeks

CLIENT CONTACT: Dave Altwasser

AREA: 3.5' x 180' x 2 sides

CONTRACTOR: Vector Construction Ltd.
Saskatchewan Branch



PROJECT DESCRIPTION:

Problem: Deterioration of the concrete face of the bridge retaining parapet walls caused by de-icing salts used on the road. The parapet walls were made using light weight aggregate in original construction.

Area: Full interior side face & top-side of the parapet walls.

- Procedure:**
- Remove deteriorated concrete.
 - Grit blast entire surface.
 - High pressure water wash entire surface.
 - Pre-soak the repair area for 24 hours prior to installing material.
 - Spray apply EMACO S88 to rebuild the parapet overbuild ½" deeper than original dimension.



CORPORATE OFFICE

474 Dovercourt Drive
Winnipeg, Manitoba, R3Y 1G4
Ph. (204) 489-6300
Fax (204) 489-6033
Email: vector@vectorgroup.com

REGIONAL OFFICES

Manitoba Winnipeg (204) 489-6300
Ontario (North) Thunder Bay (807) 346-4405
Ontario (South) Stoney Creek (905) 662-4020
Saskatchewan Saskatoon (306) 934-3533
Alberta Spruce Grove (780) 962-6778

North Dakota Fargo (701) 280-9697
Nebraska Sioux City (402) 494-9305
Iowa Cedar Rapids (319) 364-5355

#6-93SK-SK_HWYS